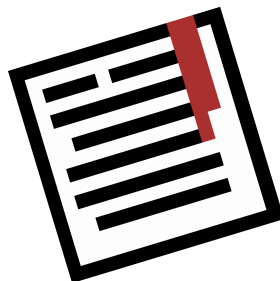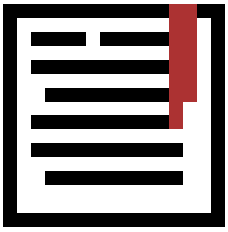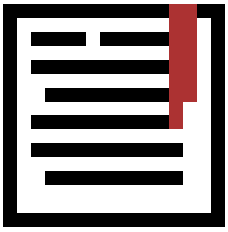# MNotes

Gor Yeritsyan

UFAR IMA|2

The idea

was to make a user friendly Note application using blazor asp.net.

MVP (Minimum Viable Product)

- Make notes inside browser easily
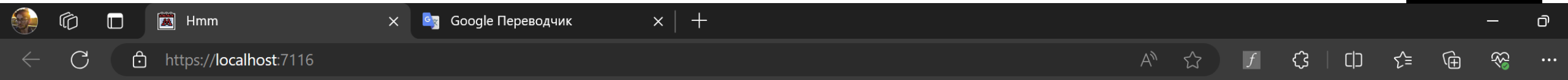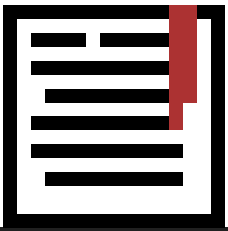- Use Microsoft SQL for storing data
- Having File Management

Why Blazor?

What is Blazor? Blazor is the Microsoft technology that uses ASP.NET which made for web application ,it has both frontend and backend side. Also NuGet Packages that makes development faster.
It is good for smaller projects like this.

The Application

File Management
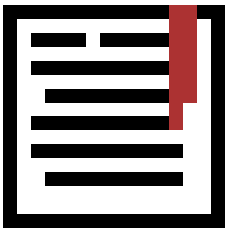
file

Note

File works like a folder.
It contains other files and notes
Has **parent** and **content** id
If any File and Note parent is **null**
it appears on the front page.

Notes contain their information
and **parent** id.

File Management
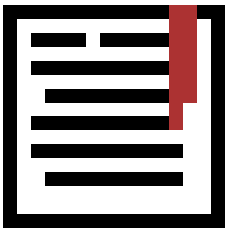
file

```csharp
namespace MNotes.Data
{
    11 references
    public class fileData
    {
        3 references
        public int id { get; set; }
        1 reference
        public string name { get; set; }
        1 reference
        public int contentId { get; set; }
        3 references
        public int? parentId { get; set; }
        1 reference
        public bool isFavorite { get; set; }


    }
}
```

File Management

Note

```
namespace MNotes.Data
{


    10 references
    public class noteData
    {

        6 references
        public int id {  get; set; }
        1 reference
        public string? name { get; set; }
        4 references
        public string content { get; set; }
        3 references
        public int? parrentid { get; set; }
    }
}

```
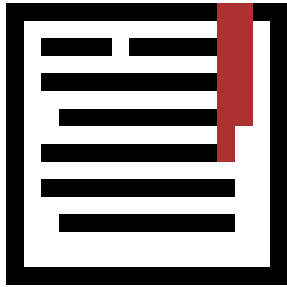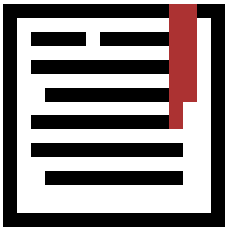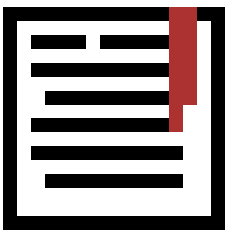
SQL Database

(localdb)\MSSQLLocalDB (SQL Server 15.0.4153 - GORY\gorik)
- Databases
  - System Databases
  - Database Snapshots
  - myDataBase
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.__EFMigrationsHistory
      - dbo.fileData
      - dbo.noteDatas

gory\LOCALDB#86C7...ase - dbo.fileData

id	name	conten...	parentId	isFavor...
NULL	NULL	NULL	NULL	NULL

gory\LOCALDB#86C...e - dbo.noteDatas

id	name	content	parren...
NULL	NULL	NULL	NULL

Microsoft® SQL Server® Management